



Statutes and Regulations for Entry level Doctor of Physical Therapy Program

University of Health Sciences, Lahore

Entry Level Doctor of Physical Therapy – DPT

General Information:

Physical therapist practice is concerned with identifying and maximizing quality of life and functional movement potential, within the spheres of promotion, prevention, maintenance, intervention/treatment, habilitation and rehabilitation. This encompasses physical, psychological, emotional, and social well-being. Physical therapist practice involves the interaction between physical therapist, patients or clients, families, care givers, other health care providers, and communities, in a process of assessing movement potential and in establishing agreed upon goals and objectives using knowledge and skills unique to physical therapists.

The entry level doctor of Physical Therapy program, offered by University of Health Sciences is especially designed to meet educational and clinical needs of physical therapists. The program will equip the students with core concepts and clinical training required to stay updated with latest knowledge and skills and prepare them to uptake the profession in future. The proposed program will be offered to students completing their intermediate level education and then this five Years educational program will enable them to practice as a physical therapist in the community. The program will be conducted at affiliated institutes of University of Health Sciences who have to fulfill the requirements for conducting this program.

The program is aimed to prepare Physical therapists who will;

- Act as primary providers of Physical therapy care
- Work as autonomous practitioners.
- Serve as responsible members in the professional community and are willing and able to assume leadership roles in the communities they serve.
- Exhibit Life-long learning and a commitment to professional development.
- Equipped with principles of evidence-based practice, knowledge and understanding of research methodology.

Objectives:

- **Entry level DPT Program will prepare and equip physical therapists to practice in a variety of settings able to deliver services in both urban and rural communities, acknowledging their roles as facilitators and educators of other health personnel necessary for the attainment of physical therapy and patient/client goal.**
- **Entry level DPT Program will equip students with the necessary communication and decision-making skills to work in collaboration with their patients/clients, careers, other professionals, and colleagues.**
- **Entry level DPT Program will promote appropriate multi professional and inter professional learning experiences and practice.**
- **Entry level DPT Program will educate physical therapists who are knowledgeable, self-assured, adaptable, reflective, humanistic, and service-oriented and who, by virtue of critical thinking, life-long learning, and ethical values, render independent judgments concerning patient/client needs.**
- **Entry level DPT Program will educate physical therapists who demonstrate in-depth knowledge of the basic and clinical sciences relevant to physical therapy, both in their fundamental context and in their application to the discipline of physical therapy.**
- **Entry level DPT Program will educate physical therapists who demonstrate mastery of entry level professional clinical skills. Provision of these services is based on the best available evidence and includes physical therapy examination, evaluation, diagnosis, prognosis, intervention, prevention activities, wellness initiatives and appropriate health care utilization.**

Program of Study:

The duration of entry level DPT would be five years and will include class room lectures, laboratory, clinical demonstrations, supervised clinical practice and research. Each year would be followed by a professional examination which will be conducted by University of Health Sciences. Every student must submit the Research Report within prescribed time to complete the degree. This program integrates theory, evidence and practice along a continuum of learning.

Statutes and Regulations for Entry level Doctor of Physical Therapy Program

General Regulations:

1. The degree of Doctor of Physical Therapy shall be conferred on a person who holds approved intermediate education – higher secondary school certificate from an approved board and passed his DPT course work and Research Report examination from University of Health Sciences.
2. The outline of examination with marks distribution are given in Annexure “A” and syllabi and course of each subject are given in appendix.
3. Course outline and syllabi may be modified from time to time by the Academic council with the approval of syndicate. Statutes & Regulations may also be amended from time to time after fulfilling the codal formalities including approval of the Board of Governors in case of Regulations.
4. The academic requirements of entry level of Doctor of Physical Therapy program shall comprise of class room lectures, laboratories work, clinical demonstrations, supervised clinical practice and research project.
5. The duration of course shall be of five (5) years.
6. The medium of instruction and examination will be in English except for Islamic Studies/Ethics and Pak. Studies.
7. Each student shall follow the syllabi and course of studies as may be prescribed by the Academic council from time to time by approval of the syndicate.
8. Every student shall be required to pay registration fee, examination fee and such other dues as determined by University from time to time.

Regulations for Admissions:

1. The admission process shall be initiated after informing University of Health Sciences and will be regulated according to UHS prescribed entry requirements.
2. The admission in entry level DPT program will be carried out according to prescribed manner and fulfilling the eligibility requirements.
3. There shall be an Institutional Admission Committee to supervise the admission process.
4. The criteria for admission in the program would be:
 - At least 60 % marks (in aggregate) in F.Sc. (Pre Medical)/Equivalent as certified by the Inter Board Committee of Chairmen (IBBC)
5. The numbers of students to be admitted will be in line with the seat allocation approved by UHS. However, the seat allocation would be subject to revision by UHS in accordance with the infrastructure and facilities available at the affiliated institution.
6. The students dropped from their studies due to shortage of lectures, poor performance, nonpayment of dues or misconduct shall not be re-admitted.

7. Anyone who has been expelled or rusticated by any University or College for misconduct or use of unfair means in the examination or any offence involving moral turpitude shall not be admitted into entry level DPT program.
8. All admissions made in contravention of these regulations shall be void.

Regulations for Examinations:

1. The students of entry level DPT shall be assessed monthly for their performance in studies, punctuality and discipline. Monthly performance reports must be kept in department and to be used for internal assessment.
2. Mark distribution outline of tests is given at Annexure “A”.
3. Examinations for DPT shall consist of five parts, titled First Professional, Second Professional, Third Professional, Fourth Professional and Final Professional Examination. Respective Professional Examination shall be held at the end of 1st year, 2nd year, 3rd year, 4th year & 5th year.
4. Respective Professional Examination shall be held twice a year at dates fixed by the Vice Chancellor on the recommendations of the Controller of Examinations.
5. The minimum number of marks required to pass Professional Examination for each subject shall be fifty percent (50%) in theory, fifty percent (50%) in the oral & practical examination and fifty percent (50%) in the aggregate at one and the same time. Candidates who secure eighty percent (85%) or above marks in any subject shall be declared to have passed “with distinction” in that subject and no candidate who does not pass in all the subjects of a Professional Examination as a whole at one and the same time shall be declared to have passed “with distinction” in any subject.

The subjects of Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) shall be taught as compulsory subjects and the minimum number of marks required to pass the examination for Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) shall be thirty-three percent (33%) in aggregate. Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) can be cleared any time before passing the Final Professional Examination and DPT degree shall not be awarded to a student unless they have passed the examination in Pakistan Studies & Islamiat / Ethics (for Non-Muslims only). The grades in Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) shall however not contribute towards the total marks of any Professional Examination in DPT and determination of position.

6. The continuous internal assessment shall contribute 10% to the total allocated marks for each subject. These marks will be equally distributed to the final Theory and Oral & Practical Examinations scores and not to an individual sub-component like MCQs, SEQs, Viva Voce, practical and OSPE etc.
7. A candidate who passes in one or more subject but fails in the annual examination shall, if he/she so desires, provisionally be allowed to join the next higher class till the commencement

of supplementary examinations. The candidate, however, shall have to pass the failed subjects in this supplementary examination failing which the candidate shall be detained in the class in which he/she had failed. Under no circumstances a candidate shall be promoted to next higher class till he/she has cleared all subjects in the Professional Examination of preceding class. The regulation shall be applicable to all categories of candidates, whether fresh or failed.

8. A candidate who fails to pass First Professional Examination in four consecutive chances, availed or unavailed, after becoming eligible for First Professional Examination, shall cease to become eligible for further education in Physical Therapy at the University or its affiliated colleges.
9. The Professional Examination shall be open to any student who:
 - a. has completed prescribed education of that year in the discipline after admission or has passed in the previous Professional Examination as the case may be.
 - b. has his/her name submitted to the Controller of the Examinations by the Principal / Head of the College/Institution in which he/she is enrolled.
 - c. has his/her marks of internal assessment in each of the subjects of the respective Professional Examination sent to the University with submission of his/her name to the Controller of Examinations.
 - d. produces the following certificates duly verified by the Principal of his/her College:-
 - (i) of good character;
 - (ii) of having attended not less than seventy five percent (75%) of the full course of lectures delivered and practicals conducted in each of the subjects of the Professional Examination.
10. Every candidate shall forward to the Controller of Examinations his/her application for admission to the examination at least four weeks before the commencement of the examination accompanied by the prescribed fee. (Awards of internal assessment in all the subjects of all the candidates shall be submitted to the Controller of Examinations along with Admission Forms for the annual examination. Internal assessment received after commencement of the examination shall not be accepted. The marks of internal assessment shall be submitted only once a year prior to annual examination and the same shall be counted for both annual and supplementary examinations. It is further emphasized that fresh internal assessment or a revision of assessment for supplementary examination shall not be permissible. However it is required from the Colleges to submit a revised internal assessment for the detained students. The internal assessment award in a particular year will not be decreased subsequently detrimental to the candidate. Proper record of the continuous internal assessment shall be maintained by respective departments of the Colleges).
11. Whenever the application or the fee of the candidate is received after the last date prescribed above, the candidate shall pay the prescribed double the ordinary admission fee, provided

that such application shall only be entertained if it is received not less than 07 days before the commencement of the examination.

12. A student securing first position in University Examinations shall be awarded a “Certificate of Merit” provided that he/she obtains a total of at least 75% marks and has passed all the professional examinations in first attempt.

Regulations for appointment of Examiners in Theory:

1. Board of studies of Allied Health Sciences shall recommend a panel of examiners/paper setters in each of the subjects in a professional examination.
2. The Vice Chancellor shall, on recommendations of the Controller of Examinations, appoint the examiners/paper setters for a particular examination out of the panel recommended by the board of studies (Allied Health Sciences).
3. The Oral & practical examination shall be conducted by one internal and one external examiner.
4. The external examiner shall be a Physical Therapist (for subjects related to Physical Therapy education) or a Subject specialist (for subjects other than Physical Therapy education) preferably from the institutions affiliated with UHS or any other HEC recognized institution.
5. No person shall be appointed as an examiner who has near relation i.e., father, mother, full and half brother and sister, paternal and maternal uncle, father in law, mother in law, sister in law, son in law, daughter in law, wife, son, daughter or husband appearing in the paper to be set or examined by him/her.
6. The award lists of practical examinations shall be submitted to the Controller of examinations by both internal and external examiners, independently.
7. The controller of examinations shall compile and declare the result on the basis of evaluation record in theory and practical examinations submitted by examiners strictly in accordance with the regulations.
8. Examinations shall be conducted in approved examination centers which will be notified by the Controller of examiner.

Research Work and Appointment of Supervisor:

1. Every student in his final year of studies shall prepare a ‘Research Report’ on a research title proposed in consultation with a faculty appointed as his/her supervisor by the Head of the Department. Topic of Research Report shall be approved by Institutional Research Committee appointed by the Head of the Institution.
2. The research supervisor must hold a postgraduate/post-professional degree which shall not be less than T-DPT / M.Phil / M.Sc. in Physical Therapy and have at least one published research paper in any reputable national or international journal. Whenever

necessary, a co supervisor shall be appointed with similar qualifications prescribed for the supervisor.

3. Student shall perform research work in partial fulfillment of the requirements for the award of the DPT degree.
4. Four copies of Research Report shall be submitted to the Controller of examinations of University before the commencement of professional examination of the final year entry level DPT.
5. The Research Report shall be printed in A4 size paper and black covered hard binding with gold lettering on the front in the prescribed manner.

Regulations for Research Report Examination:

1. The Vice Chancellor shall appoint one external examiner for Research Report examination out of the panel approved by the Board of Studies, Allied Health Sciences.
2. Research Report shall be sent for evaluation to external examiner well in time before the date of Research Report viva-voce examination.
3. On approval of the external examiner, the Controller of Examination will announce the date of defense of Research Report.
4. Research Report viva-voce examination shall be conducted by the external examiner and, who shall submit a report on suitability of the candidate for the award of the degree. The supervisor will act as coordinator.

Student Discipline:

1. Every affiliated institute shall keep a record of student's progress on monthly basis which will contain academic performance, attendance record and behavior. The record shall form the basis for internal assessment of the student.
2. All the students shall abide by the Rules, Regulations and Statutes of respective institute and follow directions issued by the university from time to time.
3. No student shall, through document or by any communication, approach in the press in his own name or through an association. No student shall take part in political activities or form union or associations etc.
4. Every student shall be provided with the details of rules and regulations to be observed during the period of study by the affiliated institute.

COURSE CONTENTS
HOURS AND MARKS DISTRIBUTION

DOCTOR OF PHYSICAL THERAPY (DPT) PROGRAM

YEAR	NAME OF SUBJECT	PROFESSIONAL EXAMINATION	Clock Hours/year	Marks
FIRST YR	FIRST PROFESSIONAL YEAR			
	ANATOMY –I	YES	400	200
	PHYSIOLOGY-I	YES	300	200
	KINESIOLOGY-I AND BIOMECHANICS	YES	450	200
	ISLAMIC STUDIES/ETGHICS & PAKISTAN STUDIES*	Yes*	150	100*
	BEHAVIOURAL SCIENCES	PROFESSIONAL EXAMI IN 3 rd PROF.	50	N/A
	INTRODUCTION TO COMPUTER	INTERNAL ASSESSMENT ONLY	50	N/A
	Grand Total			1400

*The subjects of Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) shall be taught as compulsory subjects and the minimum number of marks required to pass the examination for Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) shall be thirty-three percent (33%) in aggregate. Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) can be cleared any time before passing the Final Professional Examination and DPT degree shall not be awarded to a student unless they have passed the examination in Pakistan Studies & Islamiat / Ethics (for Non-Muslims only). The grades in Pakistan Studies & Islamiat / Ethics (for Non-Muslims only) shall however not contribute towards the total marks of any Professional Examination in DPT and determination of position.

	SECOND PROFESSIONAL YEAR			
SECOND YEAR	ANATOMY –II	YES	450	200
	PHYSIOLOGY-II	YES	300	200
	KINESIOLOGY-II & ERGONOMICS	YES	300	200
	BIOCHEMISTRY & GENETICS	YES	200	200
	MEDICAL PHYSICS	YES	200	100
	BEHAVIORAL SCIENCES	PROFESSIONAL EXAM IN 3 RD PROF.	50	N/A
	HEALTH AND WELLNESS	INTERNAL ASSESSMENT ONLY	50	
		5	1550	900
	THIRD PROFESSIONAL YEAR			
THIRD YEAR	PATHOLOGY & MICROBIOLOGY	YES	300	200
	PHARMACOLOGY	YES	200	100
		YES	300	200

	PHYSICAL AGENTS & ELECTROTHERAPY			
	THERAPEUTIC EXERCISES & TECHNIQUES	YES	400	200
	BEHAVIOURAL SCIENCES	YES	100	200
	TEACHING METHODOLOGY & COMMUNITY MEDICINE	INTERNAL ASSESSMENT ONLY	100	
	SUPERVISED CLINICAL PRACTICE I, II	LOG BOOK SUBMISSION TO P.T DEPARTMENT	200	
		5	1600	900
	FOURTH PROFESSIONAL YEAR			
FOURTH YEAR	MEDICINE	YES	200	200
	SURGERY	YES	200	200
	PHYSIOTHERAPY TREATMENT-I: MUSCULOSKELETAL AND NEUROLOGICAL PHYSICAL THERAPY	YES	400	200

	RADIOLOGY & DIAGNOSTIC IMAGING & EMERGENCY PROCEDURES AND PRIMARY CARE	YES	100	100
	BIOSTATISTICS & EVIDENCE BASED PRACTICE	YES	300	100
	SUPERVISED CLINICAL PRACTICE III, IV	LOG BOOK SUBMISSION TO P.T DEPARTMENT	200	
		5	1450	800
	FIFTH PROFESSIONAL YEAR			
FIFTH YEAR	PHYSIOTHERAPY TREATMENT -II: CARDIOPULMONARY, OBS-GYNEA, INTEGUMENTRY & MANUAL PHYSICAL THERAPY	YES	500	200
	CLINICAL DECISION MAKING & DIFFERENTIAL DIAGNOSIS	YES	100	100
		YES	350	200

	SCIENTIFIC INQUIRY, RESEARCH METHODOLOGY & RESEARCH PROJECT			
	PROFESSIONAL PRACTICE & COMMUNITY BASED REHABILITATION	Yes	100	100
	PHYSIOTHERAPY TREATMENT –III: PAEDIATRIC, GERIATRIC, SPORTS & PROSTHETICS & ORTHOTICS PHYSICAL THERAPY	Yes	350	200
	SUPERVISED CLINICAL PRACTICE V, VI	LOG BOOK SUBMISSION TO P.T DEPARTMENT	200	
		5	1600	800

First Professional Doctor of Physiotherapy Examination

<u>Paper</u>	<u>Subjects</u>		
Paper-I	Anatomy I	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/>	
		Total Marks=200	
Paper-II	Physiology I	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/>	
		Total Marks=200	
Paper-III	Kinesiology I & Biomechanics	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/>	
		Total Marks=200	
Paper-IV	Islamic Studies / Ethics & Pakistan Studies	Theory	100 Marks
		<hr/>	
		Total Marks=100	

Anatomy-1**Total Marks : 200****Theory:**

The examination in the subject of Anatomy-1 shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Anatomy-1 and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs in each paper and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Anatomy-1 will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Physiology-1**Total Marks : 200****Theory:**

The examination in the subject of Physiology-1 shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Physiology 1 and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs in each paper and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Physiology-1 will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Kinesiology-1 & Biomechanics**Total Marks : 200****Theory:**

The examination in the subject of Kinesiology-1 & Biomechanics shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Kinesiology-1 & Biomechanics and there will be no choice. There will be 6 questions from Kinesiology-1 course outline and 3 questions from Biomechanics course. Each short essay question will carry 05 marks.

There will be 45 MCQs in each paper and each question will carry 01 mark. There will be 25 MCQs from Kinesiology-1 course outline and 20 MCQs from Biomechanics course

Oral/ Practical Examination in the subject of Kinesiology-1 & Biomechanics will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Islamic Studies / Ethics & Pakistan Studies Total Marks: 100 marks

The examination shall consist of one Theory Paper of 60+40=100 marks and 3 hours duration.

Section-I : Islamic Studies/Ethics =60 marks.

This section shall have question on Islamic Studies in case Muslim candidates and on Ethics in case of non-Muslims. There shall be 3 questions in this section of Theory and there will be no choice.

Each question shall carry 20 marks.

Section-II : Pakistan Studies = 40 marks

This section shall have 2 questions on Pakistan Studies and there will be no choice. Each question shall carry 20 marks.

Second Professional Doctor of Physiotherapy Examination

<u>Paper</u>	<u>Subjects</u>		
Paper-I	Anatomy II	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/> Total Marks=200	
Paper-II	Physiology II	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/> Total Marks=200	
Paper-III	Kinesiology II & Ergonomics	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/> Total Marks=200	
Paper-IV	Biochemistry & Genetics	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/> Total Marks=200	
Paper-V	Medical Physics		

Theory	90 Marks
Internal Assessment	10 Marks

Total Marks=100

Anatomy-II

Total Marks : 200

Theory:

The examination in the subject of Anatomy-II shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Anatomy-II and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs in paper and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Anatomy-II will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Physiology-II

Total Marks : 200

Theory:

The examination in the subject of Physiology-II shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Physiology-II and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs in paper and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Physiology-II will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Kinesiology-II & Ergonomics

Total Marks : 200

Theory:

The examination in the subject of Kinesiology-II & Ergonomics shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Kinesiology-II & Ergonomics and there will be no choice. There will be 6 questions from Kinesiology-II course outline and 3 questions from Ergonomics course. Each short essay question will carry 05 marks.

There will be 45 MCQs in paper and each question will carry 01 mark. There will be 25 MCQs from Kinesiology-II course outline and 20 MCQs from Ergonomics course outline.

Oral/ Practical Examination in the subject of Kinesiology-II & Ergonomics will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Biochemistry & Genetics

Total Marks : 200

Theory:

The examination in the subject of Biochemistry & Genetics shall consist of three hours duration and of maximum 90 marks each. Internal Assessment shall be of 10 Marks each.

There will be 09 short essay questions in each paper from the subject of Biochemistry & Genetics and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs in paper and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Biochemistry & Genetics will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Medical Physics

Total Marks : 100

The examination in the subject shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Medical Physics and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Third Professional Doctor of Physiotherapy Examination

<u>Paper</u>	<u>Subjects</u>		
Paper-I	Pathology & Microbiology	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/> Total Marks=200	
Paper-II	Pharmacology	Theory	90 Marks
		Internal Assessment	10 Marks
		<hr/> Total Marks=100	
		Paper-III	Electrotherapy & Physical Agents
Internal Assessment	10 Marks		
Practical/Oral	100 Marks		
<hr/> Total Marks=200			
Paper-IV	Therapeutic Exercises & Techniques	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/> Total Marks=200	
Paper – V	Behavioral Sciences	Theory	90 Marks

Internal Assessment	10 Marks
Practical/Oral	100 Marks

Total Marks=200

Pathology & Microbiology

Total Marks : 200

Theory:

The examination in the subject of Pathology & Microbiology shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Pathology & Microbiology and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Pathology & Microbiology will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Pharmacology

Total Marks : 100

The examination in the subject shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Pharmacology and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Physical Agents & Electrotherapy

Total Marks : 200

Theory:

The examination in the subject of Physical Agents & Electrotherapy shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Physical Agents & Electrotherapy and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Physical Agents & Electrotherapy will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Therapeutic Exercises & Techniques

Total Marks : 200

Theory:

The examination in the subject of Therapeutic Exercises & Techniques shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Therapeutic Exercises & Techniques and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Therapeutic Exercises & Techniques will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Behavioral Sciences

Total Marks : 200

Theory:

The examination in the subject of Behavioral Sciences shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Behavioral Sciences and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Behavioral Sciences (OPSE and Case presentation) will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Fourth Professional Doctor of Physiotherapy Examination

<u>Paper</u>	<u>Subjects</u>		
Paper-I	Medicine	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/>	
		Total Marks=200	
Paper-II	Surgery	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/>	
		Total Marks=200	
Paper-III	Physiotherapy Treatment I	Theory	90 Marks
		Internal Assessment	10 Marks
		Practical/Oral	100 Marks
		<hr/>	
		Total Marks=200	
Paper-IV	Radiology & Emergency Procedures and Primary Care	Theory	90 Marks
		Internal Assessment	10 Marks
		<hr/>	
			Total Marks=100

Paper-V Biostatistics & Evidence Based Practice

Theory	90 Marks
Internal Assessment	10 Marks

Total Marks=100

Medicine

Total Marks: 200

Theory:

The examination in the subject of Medicine shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Medicine and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Medicine will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Surgery

Total Marks: 200

Theory:

The examination in the subject of Surgery shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Surgery will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Physiotherapy Treatment I

Total Marks: 200

Theory:

The examination in the subject of Physiotherapy Treatment shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Physiotherapy Treatment and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Physiotherapy Treatment will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Radiology and Emergency Procedures & Primary Care in Physical Therapy **Total Marks : 100**

The examination in the paper of Radiology & Diagnostic Imaging and Emergency Procedures & Primary Care in Physical Therapy shall consist of one Theory Paper of 90 marks and three hours duration. Internal Assessment will be of 10 marks.

Section I: Radiology & Diagnostic Imaging = 50 Marks

There will be 45 MCQs and each question will carry 01 mark.
Internal Assessment will be of 05 marks.

Section II: Emergency Procedures & Primary Care in Physical Therapy = 50 marks

There will be 45 MCQs and each question will carry 01 mark.
Internal Assessment will be of 05 marks.

Biostatistics & Evidence Based Practice

Total Marks: 100

Theory:

The examination in the subject of Biostatistics & Evidence Based Practice shall consist of one Theory Paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be total 09 short essay questions. There will be 05 short essay questions from the subject of Biostatistics & 04 short essay questions from Biostatistics & Evidence Based Practice and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark. There will be 25 MCQ's from the subject of Biostatistics & 20 MCQ's from Evidence Based Practice and there will be no choice

Fifth Professional Doctor of Physiotherapy Examination

Paper

Subjects

Paper-I

Physiotherapy Treatment II

Theory	90 Marks
Internal Assessment	10 Marks
Practical/Oral	100 Marks

Total Marks=200

Paper-II

Clinical Decision Making & Differential Diagnosis

Theory	90 Marks
Internal Assessment	10 Marks

Total Marks=100

Paper-III

Scientific Inquiry, Research Methodology & Research Project

Theory	90 Marks
Internal Assessment	10 Marks
Practical/Oral	100 Marks

Total Marks=200

Paper-IV

Professional Practice & Community Based Rehabilitation

Theory	90 Marks
Internal Assessment	10 Marks

Total Marks=100

Paper-V Physiotherapy Treatment III

Theory	90 Marks
Internal Assessment	10 Marks
Practical/Oral	100 Marks

Total Marks=200

Physiotherapy Treatment II

Total Marks: 200

Theory:

The examination in the subject of Physiotherapy Treatment shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Physiotherapy Treatment and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Physiotherapy Treatment will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.

Clinical Decision Making & Differential Diagnosis

Total Marks: 100

Theory:

The examination in the subject of Clinical Decision Making & Differential Diagnosis shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Clinical Decision Making & Differential Diagnosis and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Scientific Inquiry, Research Methods & Research Project

Total Marks: 200

Theory:

The examination in the subject of Research Methodology shall consist of one Theory Paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

There will be 09 short essay questions from the subject of Research Methodology and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral Examination in the research report will be of maximum 90 marks.
Internal Assessment shall be of 10 Marks

Professional Practice & Community Based Rehabilitation Total Marks : 100

The examination in the paper of Professional Practice & Community Based Rehabilitation shall consist of one Theory Paper of 90 marks and three hours duration. Internal Assessment will be of 10 marks.

Section I: Professional Practice = 50 Marks

There will be 45 MCQs and each question will carry 01 mark.
Internal Assessment will be of 05 marks.

Section II: Community Based Rehabilitation = 50 marks

There will be 45 MCQs and each question will carry 01 mark.
Internal Assessment will be of 05 marks.

Physiotherapy Treatment III Total Marks: 200

Theory:

The examination in the subject of Physiotherapy Treatment shall consist of one Theory paper of three hours duration and of maximum 90 marks. Internal Assessment shall be of 10 Marks.

The syllabus to be covered is mentioned in Appendix "B".

There will be 09 short essay questions from the subject of Physiotherapy Treatment and there will be no choice. Each short essay question will carry 05 marks.

There will be 45 MCQs and each question will carry 01 mark.

Oral/ Practical Examination in the subject of Physiotherapy Treatment will consist of maximum 90 marks. Internal Assessment shall be of 10 Marks.